

AD _____

GRANT NUMBER DAMD17-96-1-6045

TITLE: 9th Annual Trauma Anesthesia and Critical Care Symposium

PRINCIPAL INVESTIGATOR: Christopher M. Grande, M.D.

CONTRACTING ORGANIZATION: International Trauma Anesthesia and
Critical Care Society
Baltimore, Maryland 21211

REPORT DATE: January 1997

TYPE OF REPORT: Final Proceedings

PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for public release;
distribution unlimited

The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision unless so designated by other documentation.

19970220 077

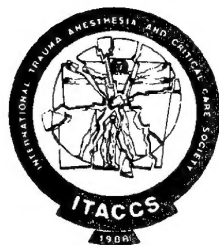
REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE January 1997	3. REPORT TYPE AND DATES COVERED Final Proceedings (1 May 96-31 Dec 96)	
4. TITLE AND SUBTITLE 9th Annual Trauma Anesthesia and Critical Care Symposium			5. FUNDING NUMBERS DAMD17-96-1-6045	
6. AUTHOR(S) Christopher M. Grande, M.D.				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) International Trauma Anesthesia and Critical Care Society Baltimore, Maryland 21211			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Medical Research and Materiel Command Fort Detrick, Maryland 21702-5012			10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION / AVAILABILITY STATEMENT Approved for public release; distribution unlimited			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200)				
14. SUBJECT TERMS Symposium, Trauma			15. NUMBER OF PAGES 18	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited	

9th Annual Trauma Anaesthesia and Critical Care Symposium

May 16 - 17, 1996

*The Yearly International Scientific Meeting on the
Perioperative Anaesthetic and Critical Care Management of Trauma Patients*

- PLENARY SESSIONS
- SIMULTANEOUS BREAK-AWAY
SESSIONS
- INTERACTIVE CLINICAL DEBATES
- SIMULATIONS
- PROBLEM-BASED LEARNING
- ROUNDTABLE DISCUSSIONS
- HANDS-ON WORKSHOPS
- SCIENTIFIC PRESENTATIONS/FREE
PAPERS/POSTERS



Sponsored by the
**International Trauma Anaesthesia
and Critical Care Society (ITACCS)**
the
**Association of Anaesthetists
of Great Britain and Ireland**
and a
Multinational Academic Consortium
featuring



RESEARCH MINI-GRANT AWARDS
"Prospective Research Project" (up to \$20,000)
"Best Scientific Free Paper" (\$2,000)
"Best Scientific Poster" (\$2,000)

and a
Special Pre-Symposium A.T.L.S. Course
and
Stylish Recreational and Social Events

9TH ATACCS RETURNING TO EUROPE DIRECT FROM THE USA

May 16 - 17 1996, Royal College of Surgeons of England, London, England

The annual scientific meeting of ITACCS has become the international forum for all specialists involved in traumatology, anaesthesia and critical care of the trauma patient including clinical practice, basic science and clinical research.

21 SEPARATE SESSIONS AND OVER 60 INTERNATIONAL FACULTY

- | | |
|---|--|
| <ul style="list-style-type: none">• Trauma Systems: Establishing Standards, Systems and Information Management Systems• Pathophysiology of Trauma: Biomechanics of Injury, Head Injury, Metabolic Responses, ARDS• Trauma Team Care: Priorities, Team Dynamics, Role of the Team Leader, Impact of Video Analysis• Prehospital Trauma Care: Major Interventions in the Field, Anaesthesia and Analgesia for Extrication, Aeromedical Evacuation• Initial Assessment and Monitoring: Cervical Spine, Transesophageal Echocardiography, Neurotrauma, Paediatric Trauma• Resuscitation: Blood Substitutes, Blood Conservation, Severe Hypothermia, New Techniques in Brain Resuscitation• Cost-effectiveness in Trauma Care: The New Reality• Goal-directed Therapy in Trauma | <ul style="list-style-type: none">• Recognising Failure in Trauma Intensive Care: When is Enough Enough?• Resuscitation and Anaesthetic Management of Specific Injuries: Penetrating Injuries to the Trunk, The Unstable Pelvis, Ruptured Thoracic Aorta, Spinal Injury• Trauma Anaesthesia Techniques: The Difficult/Compromised Airway, Inducing Anaesthesia in Critical Situations, Newer Anaesthetic Agents, Paediatric Trauma• Intensive Care: Alternative Ventilator Therapy, Current Role of ECMO, Use of Nitric Oxide, Nosocomial Infections• Pain Relief: Overcoming the Problem• Workshops: Special Airway Skills, Paediatric Case Discussions, Trauma Simulation, Extrication and Immobilisation Techniques• Trauma Anaesthesia - The Way Forward |
|---|--|
-

HANDS ON WORKSHOPS

- Airway Management
- Paediatric Case Discussions
- Extrication & Immobilisation
- Disaster Management

SYMPOSIUM OBJECTIVES

The objectives of this programme are to provide participants with:

- basic and state-of-the-art clinical information concerning resuscitation, diagnosis and perioperative anaesthetic and critical care management of trauma and emergency care patients;
- up-to-date information concerning trauma centre and system issues and programmes that can influence the delivery of emergency trauma care;
- a forum for the exchange of information and ideas between the faculty and participants from throughout the world.

WHO SHOULD ATTEND?

- Anaesthetists, Intensivists, Surgeons, Emergency Physicians, Emergency Department, Operation Room & Critical Care Nurses, Paramedics.

PRE-SYMPOSIUM WORKSHOP

- Advanced Trauma Life Support (ATLS) Student Course for Physicians (Monday, Tuesday & Wednesday, May 13th-15th 1996).

EXTENSIVE TRADE EXHIBITION

- A wide range of relevant products will be displayed.

RATIONALE FOR SYMPOSIUM

Since the incidence of trauma is projected to mount and because medical practice in the field is improving dramatically, the number of trauma patients reaching the hospital alive will continue to grow. Thus, trauma management will become an increasingly large part of anaesthesia practice.

Presently, only a few anaesthetists and nurses actually specialise in trauma, yet almost everyone is involved with trauma care just by sheer necessity. Until recently, the knowledge and skills necessary to perform this function have been obtained empirically. However, this will no longer suffice. Specific training for trauma management can be obtained by attending the 9th Annual Trauma Anaesthesia and Critical Care Symposium.

9th Annual Trauma Anaesthesia and Critical Care Symposium

May 16 -17 1996 · London, England

INTEGRATED PRELIMINARY PROGRAMME

MONDAY, TUESDAY & WEDNESDAY MAY 13-15, 1996

Special Pre-symposium Workshop: ATLS

1215 - 1240 The Kobe Earthquake: The System Response
K Tanaka, Fukuoka

WEDNESDAY MAY 15, 1996

1700 - 1900 Pre-Registration - Royal College of Surgeons of England, London

SESSION B: The Pathophysiology of Trauma: Basic Science
Chair: K J Abrams, New York

THURSDAY MAY 16, 1996

0745 - 0830 **Registration**

1045 - 1110 The Biomechanics of Injury
M J A Parr, Sydney

0830 - 0845 **Welcome and Introduction**
P J F Baskett, President ITACCS
S M Lyons, President Association of Anaesthetists of Great Britain and Ireland
C Prys-Roberts, President Royal College of Anaesthetists

1115 - 1140 The Pathophysiology of Head Injury
C G Male, Stoke-on-Trent

1145 - 1210 The Metabolic Response to Trauma
R M Little, Manchester

0845 - 1015 **GENERAL PLENARY SESSION**
Chair: J K Stene, Hershey

1215 - 1240 The Pathophysiology of ARDS in Trauma
A J Sutcliffe, Birmingham

0845 - 0920 The History of Trauma Anaesthesia
D J Wilkinson, London

SESSION C: The Trauma Team
Chair: J Kaplan, New York

0925 - 0945 Trauma Care in North America
E A M Frost, New York

1045 - 1110 Priorities in Assessment and Intervention: How Critical and How Long is The Golden Hour?
B F Cullen, Seattle

0950 - 1010 The European Perspective
P A Carli, Paris

1015 - 1045 **COFFEE AND TRADE EXHIBITION**

1115 - 1140 Trauma Team Dynamics
P A Driscoll, Manchester

1045 - 1245 **THURSDAY MORNING SIMULTANEOUS SESSIONS**

1145 - 1210 The Impact of Videoanalysis on Team Performance
C F Mackenzie, Baltimore

SESSION A: Trauma Systems
Chair: Y Lambert, Créteil

1215 - 1240 The Role of The Trauma Team Leader
P A Oakley, Stoke-on-Trent

1045 - 1110 Setting Standards and Implementing Quality Improvement in Trauma Care
W F Dick, Mainz

SESSION D: Scientific Free Papers and Posters I
Chair: E M Camporesi, New York,
J K Stene, Hershey,
A H Giesecke, Dallas,
D J Wilkinson, London,
A P Adams, London

1115 - 1140 Information Management Systems in Trauma Care: What Data Should be Collected and Why?
Y Donchin, Jerusalem

1145 - 1210 Understanding Scoring Systems and Their Shortcomings
D W Yates, Manchester

1245 - 1400 **LUNCH AND TRADE EXHIBITION**

MAY 16, 1996 · THURSDAY AFTERNOON SIMULTANEOUS SESSIONS

1400 - 1600 **THURSDAY AFTERNOON
SIMULTANEOUS SESSIONS**

SESSION A: Prehospital Trauma Care
Chair: W F Dick, Mainz

1400 - 1420 Major Intervention in the Field: What is Possible
J Schou, Lorrach

1425 - 1445 Prehospital Anaesthesia and Analgesia for Major Trauma
Y Lambert, Créteil

1450 - 1510 Extrication and Immobilisation Techniques
P F Mahoney, Nottingham

1515 - 1535 International Aeromedical Evacuation: Long Range Transport
R M Weller, Bristol

1540 - 1600 Prehospital Care of the Burned Patient
M E Crawford, Copenhagen

SESSION B: Initial Assessment and Monitoring
Chair: B F Cullen, Seattle

1400 - 1425 Assessment of the Spine
V E Shearer, Dallas

1430 - 1455 Transoesophageal Echocardiography in the Trauma Patient
D T Porembka, Cincinnati

1500 - 1525 Neurological Monitoring of the Trauma Patient
R Winter, Nottingham

1530 - 1555 An Overview of Imaging in the Paediatric Trauma Patient
P G Meyer, Paris

SESSION C: Resuscitation
Chair: W Mauritz, Vienna

1400 - 1425 Blood Substitutes
C F Mackenzie, Baltimore

1430 - 1455 Blood Conservation Techniques
J F Thompson, Exeter

1500 - 1525 Controversial Issues in Brain Resuscitation
J Silverstein, New York

1530 - 1555 Resuscitation in Severe Hypothermia
M F Gilbert, Tromsø

SESSION D: Scientific Free Papers and Posters II
*Chair: E M Camporesi, New York,
J K Stene, Hershey,
A H Giesecke, Dallas,
D J Wilkinson, London,
A P Adams, London*

1600 - 1630 **REFRESHMENTS BREAK**

1630 - 1700 **PLENARY SESSION**
Chair: P J F Baskett, Bristol

Siege Doctors
A D Redmond, Stoke-on-Trent

1730 - 2000 **WELCOME RECEPTION IN
EXHIBITION AREA**

MAY 17, 1996 • FRIDAY MORNING PLENARY AND SIMULTANEOUS SESSIONS

FRIDAY MAY 17, 1996

0845 - 1015 **GENERAL PLENARY SESSION**
Chair: A H Giesecke, Dallas

0845 - 0910 Establishing a Trauma System: The
 Right Ingredients
A Wilson, London

0915 - 0940 Goal Directed Therapy
M G A Palazzo, London

0945 - 1010 Recognising Failure in Intensive Care:
 When is Enough Enough?
S M Willatts, Bristol

1015 - 1045 **COFFEE AND TRADE
 EXHIBITION**

1045 - 1245 **FRIDAY MORNING
 SIMULTANEOUS SESSIONS**

**SESSION A: The Resuscitation and Anaesthetic
 Management of Specific Injuries**
*Chair: C A B McLaren, Wootton
 Bassett*

1045 - 1105 Penetrating Injuries to the Trunk
K J Abrams, New York

1110 - 1130 Managing the Unstable Pelvis
M D Bircher, London

1135 - 1155 Rupture of the Thoracic Aorta
C R Monk, Bristol

1200 - 1220 Anaesthesia for Spinal Injury
E A M Frost, New York

1225 - 1245 The Management of Blast Injury
L M Guzzi, Washington DC

SESSION B: Trauma Anaesthesia Techniques
*Chair: J Kaplan, New York;
 C Smith, Cleveland*

1045 - 1110 Management of the Difficult or
 Compromised Airway
J P Nolan, Bath

1115 - 1140 Inducing Anaesthesia in Critical
 Situations
A Dow, Exeter

1145 - 1210 Advances in Paediatric Trauma
 Anaesthesia
J M Berman, Galveston

1215 - 1240 Portable Equipment and Techniques in
 Military Practice
W Wiesman, Washington DC

SESSION C: Intensive Care
*Chair: V Kvetan, New York;
 S Willatts, Bristol*

1045 - 1110 Alternative Ventilation Therapy
B Riley, Nottingham

1115 - 1140 Aspects of Nutrition in Major Trauma
 Patients
M S Nielsen, Southampton

1145 - 1210 Nosocomial Infection Following Severe
 Trauma
M Morgan, Exeter

1215 - 1240 The Use of Nitric Oxide in Severe
 Trauma Patients
J D Young, Oxford

SESSION D: Scientific Free Papers and Posters III
*Chair: E M Camporesi, New York,
 J K Stene, Hershey,
 A H Giesecke, Dallas,
 D J Wilkinson, London,
 A P Adams, London*

1245 - 1345 **LUNCH AND TRADE
 EXHIBITION**

MAY 17, 1996 · FRIDAY AFTERNOON SIMULTANEOUS SESSIONS

1345 - 1600 SIMULTANEOUS WORKSHOPS

SESSION A: Special Airway Skills
Chairman: J Nolan, Bath
Co-ordinators: A I J Brain, Reading;
K Abrams, New York; M Lipp, Mainz

A hands-on workshop in which a limited number of delegates can learn and practice a range of fibreoptic, percutaneous and other techniques for dealing with the complex airway problems of the trauma patient.

SESSION B: Paediatric Case Discussions
Chairman: P A Oakley, Stoke-on-Trent
Co-ordinators: J M Berman, Galveston; P G Meyer, Paris; A Mazurek, Chicago.

A set of interactive case presentations focusing on the special problems of the injured child. Clinical pictures, radiographs and practical demonstrations will support unfolding clinical scenarios.

SESSION C: Extrication and Immobilisation Techniques
Chairman: P Curry, Dunfermline
Co-ordinators: A Dow, Exeter;
Y Lambert, Créteil; J Schou, Lorrach;
M Olds, Edgewood

A workshop in which a full range of field extrication and spine/limb splinting techniques will be demonstrated and practised in conditions which simulate the difficulties of the pre-hospital environment.

SESSION D: Disaster Management in Developing Countries
Chairman: Y Donchin, Jerusalem
Co-ordinators: T M Moles, Hong Kong; J L Bordonado, St Lucia;
K Chockalingham, Madras; D J Baker, Paris

A table-top exercise supported by multimedia presentations in which a major disaster is simulated and the emergency services respond to the evolving situation.

1600 - 1630 REFRESHMENTS BREAK

1630 - 1700 FINAL PLENARY SESSION
Chair: C M Grande, Baltimore
Executive Director, ITACCS

Trauma Anaesthesia - The Way Forward
P J F Baskett, Bristol

1700 - 1715 PRESENTATION OF ITACCS AWARDS
C M Grande, Baltimore
Executive Director, ITACCS

1715 - 1730 CLOSING REMARKS
C M Grande, Baltimore
Executive Director, ITACCS



9th ATACCS REGISTRATION FORM



9th Annual Trauma Anaesthesia and Critical Care Symposium • May 16-17, 1996

Name _____

Degree(s) _____ Current Position _____

Address _____

City, Post Code, Country _____

Telephone _____ Facsimile _____

Due to any permanent or temporary disabilities and/or handicaps, do you require any special assistance? ☐ Yes ☐ No

• **SYMPOSIUM FEE:** * (Tick appropriate box)

	Received on/or before February 1 1996	Received after February 1 1996	
<input type="checkbox"/> Physicians	£275	£325	£ _____
<input type="checkbox"/> Administrators	£275	£325	£ _____
<input type="checkbox"/> Nurses, Other	£225	£250	£ _____
<input type="checkbox"/> Health Care Professionals	£225	£250	£ _____
<input type="checkbox"/> Registrars, Residents	£225	£250	£ _____

* At the time of printing £1 = \$1.5 (approx)

• **SIMULTANEOUS SESSIONS:** (Tick appropriate box)

Thursday AM May 16

☐ Trauma Systems ☐ The Pathophysiology of Trauma: Basic Science ☐ The Trauma Team ☐ Free Papers/Posters

Thursday PM May 16

☐ Prehospital Trauma Care ☐ Initial Assessment and Monitoring ☐ Resuscitation ☐ Free Papers/Posters

Friday AM May 17

☐ The Resuscitation and Anaesthetic ☐ Trauma Anaesthesia Techniques ☐ Intensive Care ☐ Free Papers/Posters
Management of Specific Injuries

Friday PM May 17

☐ Special Airway Skills ☐ Paediatric Case Discussions ☐ Extrication and Immobilisation Techniques ☐ Disaster Management in Developing Countries

• **SOCIAL PROGRAMME** (Please tick if you would like to attend, no charge)

☐ Drinks Reception at Royal College of Surgeons of England Thursday May 16, 1730 hrs

TOTAL ENCLOSED

Method of Payment: ☐ Cheque ☐ Credit Card ☐ International Draft ☐ Cash

£ _____

Please make Cheques payable to **9th ATACCS**

Foreign Payments must be made with an International Draft in £ Sterling payable through a U.K. Bank.

If Credit Card please complete the following: ☐ Mastercard ☐ VISA ☐ Access ☐ Delta ☐ Switch

Card Number Cardholder's Signature

Expiry Date Cardholder's Name

Issue No. (Switch Only) Date

Please complete and return with payment to: 9th ATACCS, c/o AAGBI, 9 Bedford Square, London, WC1B 3RA, U.K.

ADVANCED TRAUMA LIFE SUPPORT (ATLS) STUDENT COURSE

For Physicians: Sponsored by the ATLS Steering Group at The Royal College of Surgeons of England.

Date: Monday 13 - Wednesday 15 May 1996

Venue: The Royal College of Surgeons of England, Lincoln's Inn Fields, London, WC2A 3PN

Fee: £350 (no payment required until space allocated)

Course Director: Dr Bernard Riley, Adult Intensive Care Unit, Queen's Medical Centre, Nottingham

Course Co-ordinator: Mrs Oonagh Egerton, The Royal College of Surgeons of England, London

The ATLS Course will provide an excellent background for the 9th Annual Trauma Anaesthesia and Critical Care Symposium. The Course was designed by the American College of Surgeons to train physicians in the proper management of the trauma victim. These courses have been run in the UK under the auspices of the Royal College of Surgeons since 1988. The two day course emphasises trauma patient assessment and life saving skills and includes the following lectures:

Initial Assessment, Airway and Ventilatory Management, Shock, Thoracic Trauma, Abdominal Trauma, Head Trauma, Spine and Spinal Cord Trauma, Extremity Trauma, Burns, Paediatric Trauma, Trauma in Pregnancy and Stabilisation and Transport.

The Lectures will be accompanied by the appropriate skills stations including simulated casualty management.

Upon completion of the course, the physician will be able to demonstrate the concepts, principles, and skills of primary and secondary survey in patient assessment, establish trauma treatment priorities and demonstrate the skills used in the initial assessment and management of the patient with multiple injuries. Physicians who successfully complete the course will receive a wallet card from the Royal College of Surgeons of England indicating this status. Tuition fee includes all text and laboratory materials.

The course is limited to 16 participants on a first come first served basis. To register, complete the Registration Form below and forward to: ATLS c/o AAGBI, 9 Bedford Square, London, WC1B 3RA, UK.

For further information please contact: Mrs Oonagh Egerton, Raven Department of Education, Royal College of Surgeons of England, 35/43 Lincoln's Inn Fields, London, WC2A 3PN, UK Fax +44 (0)171 973 2117

CLOSING DATE FOR REGISTRATION 1ST MARCH 1996

ADVANCED TRAUMA LIFE SUPPORT (ATLS) STUDENT COURSE - MAY 13 - 15, 1996 REGISTRATION FORM

Fee: £350 (no payment required until space allocated)

Forward registration form only to: ATLS c/o AAGBI, 9 Bedford Square, London, WC1B 3RA, U.K.

Name City/Post Code
Address Telephone
..... Facsimile

9TH ATACCS

Special Symposium for Nurses in Trauma Anaesthesiology, Critical Care and the Emergency Department

Saturday, 18 May 1996

The Royal College of Surgeons of England, Lincoln's Inn Fields, London, WC2A 3PN

This special symposium for Nurses working in the field of trauma anaesthesia, critical care and the Emergency Department immediately follows the 9th Annual Trauma and Critical Care Symposium, an international meeting which is the landmark event for those involved in the management of training worldwide.

The Special Symposium for Nurses has an Anglo American Faculty and will be of especial interest to nurses and paramedics working in this expanding field. It is a unique opportunity not to be missed.

PROGRAMME

0800 - 0900 **Registration**

0900 - 0905 **Welcome by Special Symposium Director**
Mr Charles Barton, CRNA, Program Director, The University of Akron College of Nursing, Ohio, USA

0905 - 0910 **Welcome**
Dr Chris Grande, Executive Director, ITACCS

SESSION I **Chairman: Dr Peter Baskett, President, ITACCS**

0910 - 0950 **Mechanisms of Injury**
Mr Charles Barton, Program Director, The University of Akron, College of Nursing, Ohio, USA

0950 - 1020 **Development of Trauma Training for Nurses in the UK**
Ms Lisa Hadfield-Law, S.D.U Manager, A & E Dept. John Radcliffe Hosp, Oxford, UK

1020 - 1100 **Fluid Resuscitation in Trauma**
Mr Mark Kossick, MS CRNA, The University of Alabama, Birmingham, Alabama

1100 - 1130 **COFFEE BREAK**

1130 - 1200 **Prehospital Trauma Management**
Mr Simon Davies, BN (Hons), RGN, A & E Cert, DCR, ATNC (I) Staff Nurse, Emergency Dept, North Staffs. Hosp, Stoke-on-Trent, UK

1200 - 1230 **The Royal London Hospital Trauma Unit & HEMS**
Ms Gillian Bradbury, Senior Nurse I.T.U. Royal London Hospital, UK.

1230 - 1330 **LUNCH**

SESSION II **Chairman: Dr Yves Lambert, Créteil, France**

1330 - 1415 **Anaesthetic Management in Thoracic Trauma**
Mr Charles Barton, Program Director, The University of Akron, College of Nursing, Ohio, USA

1415 - 1500 **Physiological Changes Occurring in Trauma**
Mr Mark Kossick, MS CRNA, The University of Alabama, Birmingham, Alabama

1500 - 1530 **Integrated Case Pathways**
Mrs D Langstaff, SDU Manager, Trauma Unit, John Radcliffe Hosp, Oxford, UK

1530 - 1600 **Discussion and Summary**

REGISTRATION FORM

I should like to attend the 9th ATACCS Special Symposium for Nurses on Saturday 18 May 1996 at the Royal College of Surgeons, Lincoln's Inn Fields, London, WC2A 3PN

Name Position

Address

.....

Telephone Fax

I enclose the Registration Fee of £50.00 (Exchange rate at time of going to printers £1 = \$1.5)

Method of Payment: ☐ Cheque ☐ Credit Card ☐ International Draft ☐ Cash

Please make cheques payable to **9th ATACCS**

Foreign Payments must be made with an International Draft in £ Sterling payable through a U.K. Bank.

If Credit Card please complete the following: ☐ Mastercard ☐ VISA ☐ Access ☐ Delta ☐ Switch

Card Number Cardholder's Signature

Expiry Date Cardholders Name

Issue No. (Switch Only) Date

Please complete and return with payment to: Ms Sally Jenner, 9th Annual Trauma Anaesthesia and Critical Care Symposium, c/o AAGBI, 9 Bedford Square, London, WC1B 3RA, U.K. Tel: +44 (0) 171 631 1650 Fax: +44 (0) 171 631 4352



JOIN ITACCS
INTERNATIONAL TRAUMA ANESTHESIA AND
CRITICAL CARE SOCIETY
(ITACCS)



MEMBERSHIP APPLICATION

Name _____

Degrees _____

Current Position _____

Address _____

City, Post Code, Country _____

Yes - I would like to join ITACCS

I enclose my subscription of : US \$100 ☐ (Full member) US \$40 ☐ (Member in Training)

Payment by Mastercard or Visa credit cards only

Card Number Expiry Date

Cardholders Name Cardholder's Signature

Date

Please send membership application and payment to: ITACCS, P.O.Box 4826, Baltimore, MD 21211, USA

We would like to acknowledge the following companies for their important contributions to ITACCS programs:

Abbott Laboratories

Achi Corporation

Allen & Hanbury's/Glaxo Inc

Ambu, Inc

Anaquest

Anesthesia Services and Products, Inc

Astra Pharmaceutical Products, Inc

Arrow International, Inc

Augustine Medical

Baxter Healthcare Corporation

Boehringer Mannheim Corporation

Braun

Burron Medical Inc

Burroughs Wellcome Company

California Medical Products

Circon ACMI

Cobe Laboratories, Inc

Concord/Portex

Cook Critical Care

Criticare Systems, Inc

Dale Medica Products, Inc

Datex Medical Instrumentation

Deseret Medical

DHD-Diemolding Healthcare Division

Dupont Merck Pharmaceuticals

Eli Lilly and Company

Fenem, Inc

Fiberoptic Medical Products, Inc

Flexco Medical Instruments AG

Haemonetics Corporation

Hill-Rom, Inc

ICI Pharmaceuticals Group

Impact Instrumentation, Inc

Intavent, Ltd

Internal Medication Systems (UK) Ltd

Intertech Resources, Inc

IVAC Corporation

J.B. Lippincott Company

Janssen Pharmaceutica

Kinetic Concepts Therapeutic Services

Laerdal Medical Corporation

Level 1 Technologies, Inc

Mallinckrodt Medical, Inc

Matrx Medical, Inc

McMahon Publishing Group

Medfusion Systems, Inc

Medical Corps International

Medical Data Electronics, Inc

Merck, Sharp & Dohme

Mosby-Year Book, Inc

Nasco

Nellcor, Inc

Nihon Kohden (America), Inc

North American Dräger/Drägerwerk

Nova Biomedical Corporation

Novamatrix Medical Systems Inc

Olympus Corporation

O.R. Concepts, Inc

Ohmeda, Inc

Organon, Inc

Pan American Trauma Society

Penlon, Ltd

PneuPac, Ltd

PPG Biomedical Systems Division

Preferred Physicians Mutual

Roche Biomedical Laboratories

Sheridan Catheter Corporation

Siemens Life Support Systems

Spacelabs, Inc

Syntex Corporation

The Upjohn Company

Tonometrics

U.S. Air Force Health Professions

U.S. Army Biomedical Research and

Development Laboratory

U.S. Army Medical Department

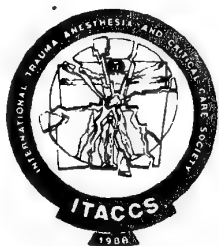
Vital Signs, Inc

W.B. Saunders, Inc

W. L. Core & Associates, Inc

Williams & Wilkins, Inc

Wyeth Ayerst



DELEGATE ABSTRACT APPLICATION
9TH ANNUAL TRAUMA ANAESTHESIA
AND CRITICAL CARE SYMPOSIUM
May 16-17, 1996 • London, UK



Abstract Title _____

Presenting Author _____

Title _____

Department _____

Affiliation _____

Address _____

City, Postal Code, Country _____

Telephone (Country code/City code) _____

Fax (Country code/City code) _____

☐ **ORAL PRESENTATION** ☐ **POSTER PRESENTATION**

AUDIO VISUAL REQUIREMENTS

Please indicate audio visual equipment needed for your presentation.

SLIDE PROJECTION (2"x 2"-35mm): ☐ Single Projection ☐ Dual Projection

VIDEO: NTS ☐ C-PAL ☐ 1/2" VHS _____ Minutes of running time ☐ Other _____

ADDITIONAL EQUIPMENT NEEDED

☐ Overhead Projector ☐ Blackboard ☐ Flip Chart ☐ Other _____

INSTRUCTIONS FOR ABSTRACT SUBMISSION

9th ATACCS will feature scientific free paper and poster presentations in addition to invited presentations. Those interested in submitting abstracts are invited to apply by completing the attached application and abstract form. The abstract must be typed on the form overleaf which will be printed in the abstract booklet exactly as received. Deadline for receipt of abstracts is 1 FEBRUARY 1996.

INSTRUCTIONS

1. Use English only and use the special form on reverse of this page.
2. The abstract will appear exactly as submitted.
3. Do not fold.
4. The abstract must fit in the designated space - no margin at top or left side.
5. Use electric typewriter or a laser printer.
6. Do not erase
7. Type single space only.
8. Type title in CAPS as first line(s).
9. Author(s) and institution(s), city & country, in lowercase letters, should follow the title.
10. Underline presenting author.
11. Indent paragraphs 3 spaces.
12. Organise as follows within abstract space:
 - purpose of study
 - method of use
 - results
 - conclusion
13. Simple tables may be included.
14. Place abbreviations in parentheses after word first appears.

EXAMPLE

CONTINUOUS ARTERIO-VEINOUS REWARMING: A NEW TREATMENT FOR HYPOTHERMIA*
L.M. Gentilello,¹ V. Cortes, J. Moujaes, S.C.H. Ho, M. Viamonte, T.L. Malinin, G.A. Gomez, Departments of Surgery, University of Miami/Jackson Memorial Medical Center, Miami, FL and ¹Harborview Medical Center, University of Washington, Seattle, WA.
We evaluated a technique for treating hypothermia that achieves rapid extra-corporeal rewarming without heparin or pump assistance. Hypothermia to 29.5C was induced in eight anaesthetised dogs and thermistors placed in the pulmonary artery, liver, bladder....

NOTE: Presentations will be chosen on the basis of scientific merit and content. The authors of scientific abstracts not chosen for oral presentation will be given the opportunity to present a poster.

Return completed form to:

Sally Jenner
9th Annual Trauma Anaesthesia and Critical Care Symposium (9th ATACCS)
9 Bedford Square
London
WC1B 3RA
Tel: +44(0)171 631 1650
Fax: +44(0)171 631 4352

Delegate Abstract Form



Exhibition and Conference Hotel Reservations Service

FREEPOST, 8 The Broadway, Barnes, London, SW13 0BR. Tel.: 0181-878 4092 Fax: 0181-876 1313

DISCOUNTED HOTEL ACCOMMODATION



9th Annual Trauma Anaesthesia and Critical Care Symposium 16th-17th May 1996, Royal College of Surgeons of England, Lincoln's Inn Fields

HOTELSCENE, in conjunction with the **ASSOCIATION OF ANAESTHETISTS**, have arranged special discounted rates at selected hotels for delegates who may wish to stay overnight.

Simply complete the attached Reservation Form and post or fax it to Catherine Hurley: Fax No: **0181-876 1313**. For more information or for late bookings call **0181-878 4092** and ask for Catherine.

PLEASE NOTE: 1. Reservations made on your behalf are guaranteed in your name and you should advise us if it is necessary to cancel or amend your booking. 2. Overseas visitors arriving at the hotel after 6.00pm should give a Credit Card number on the Reservation Form in order to hold the room for late arrival. If no Credit Card number is given, the room will be held on a 6.00pm release. This does not apply to British residents. 3. A written confirmation will be sent by return. 4. The hotel should be paid in the usual way on departure. 5. If the hotel you require is not listed, Hotelscene can book ANY hotel at a substantially discounted rate. State your requirements on the booking form. 6. There is no charge for this service.

SPECIAL RATES

All rates are for a room with private bathroom per night, include VAT at 17.5%, and exclude breakfast except where indicated.

Hotel	Standard	Discounted Rate (£)		Normal Rate (£)		Proximity to Royal College of Surgeons
		Single	Twin	Single	Twin	
Marlborough Bloomsbury Street, WC1	First Class	104.00 <small>Inc. Continental Breakfast</small>	126.00	125.00	167.00	1 stop on tube or short taxi ride
Drury Lane Moat House Drury Lane, WC2	First Class	102.50	119.00	119.00	139.00	15 minute walk or short taxi ride
Russell Russell Square, WC1	First Class	95.00 <small>Inc. English Breakfast</small>	115.00	120.00	130.00	1 stop on tube or short taxi ride
Forte Crest Bloomsbury Coram Street, WC1	First Class	90.00	105.00	125.00	145.00	1 stop on tube or short taxi ride
Kenilworth Great Russell Street, WC1	First Class	83.00 <small>Inc. Continental Breakfast</small>	99.00	111.00	152.00	1 stop on tube or short taxi ride
Bloomsbury Park Southampton Row, WC1	Medium	79.00	89.00	84.00	94.00	1 stop on tube or short taxi ride
Waverley House Southampton Row, WC1	Upper Medium	72.00 <small>Inc. English Breakfast</small>	89.00	106.50	145.00	1 stop on tube or short taxi ride
Bonnington Southampton Row, WC1	Medium	68.00 <small>Inc. English Breakfast</small>	87.00	80.00	100.00	1 stop on tube or short taxi ride
Tavistock Tavistock Square, WC1	Economy	49.00* <small>Inc. English Breakfast</small>	63.00*	49.00	63.00	1 stop on tube or short taxi ride

* Rates subject to increase.

At time of going to print £1.00 = \$1.50.

9th Annual Trauma Anaesthesia and Critical Care Symposium Priority Hotel Reservation

Name:

Date of Arrival:

Company:

No. of Nights:

Address:

Type of Room:

.....

FOR OVERSEAS VISITORS ONLY:

.....

CREDIT CARD DETAILS

Telephone No:

Card Type:

Fax No:

Expiry Date:

First Choice Hotel:

Card holders Name:

Second Choice Hotel:

Card No:

The City of London

London has become the meeting centre of the world and attracts a wide range of international events. Our capital's success in this field is linked to its great appeal as a tourist destination. London is a blend of tradition, ceremony, history and modern innovation and technology. There is much to see in London from the well-known landmarks such as the Tower of London, Westminster Abbey, St Paul's Cathedral, and Buckingham Palace to lesser known sites such as the City of London's Guildhall, the National Theatre, the Silver Vaults and Churchill's War Rooms. The city also boasts a wide range of world famous museums to appeal to every taste. The major shopping areas are a short distance away from the listed hotels. Covent Garden with its wide range of restaurants, shops and entertainments is a short walk away. As befits a capital city, London's nightlife is both varied and extensive. Literally hundreds of shows are running in the West End theatres, cinemas and concert halls.

Travel

Heathrow, Gatwick, Stansted and City Airports service nearly 100,000 passengers daily and with over 100 airlines based at the airports, London has the best route structure and wider choice of destinations and schedules than any other city in the world. They serve some 230 international destinations plus all major UK cities. The Piccadilly underground train line extends from the heart of Heathrow to central London. Most of the hotels listed are within a few minutes walking distance of either the Russell Square or Holborn stops. Gatwick Airport is serviced by an express train into the heart of London every 15 minutes. These direct lines are in addition to the regular bus and coach services into the centre of town. Taxis from Heathrow to central London will cost approximately £40 and a little more from Gatwick. The Channel Tunnel is now open and passengers can travel via Eurostar from Paris or Brussels to Waterloo Station in the heart of London in a little over 3 hours. Waterloo is only a few minutes taxi ride from the hotels and the Royal College of Surgeons.

The Royal College of Surgeons of England

To enter the Royal College of Surgeons is to step inside the history of surgery. Great surgeons of the past, captured in oil paintings and bronze busts, look down thoughtfully as if inspecting each visitor to the College in Lincoln's Inn Fields in central London.

The roots of the College go back more than six centuries to the Barbers' Company and the Guild of Surgeons of the City of London, whose members took over the simple surgery of mediaeval England from the monks. The link between barbers and surgeons was sealed by King Henry VIII in 1540 when the two were united by Act of Parliament into the Company of Barber-Surgeons.

Two centuries later, when the two professions parted company, surgery was still crude. With no realisation of the need for even basic hygiene, minor injuries often proved fatal. The Company of Surgeons became the Royal College of Surgeons when King George III granted it a Royal Charter in 1800. The name was changed to The Royal College of Surgeons of England in 1843, a year before the first examinations were held for the Fellowship.

The Hunterian Museum

The Hunterian Museum houses John Hunter's 14,000 anatomical and pathological specimens. But the collection grew so rapidly that the College and museum had to be rebuilt. By 1941 the Hunterian Museum held over 65,000 specimens. Many were destroyed when London was bombed during the Second World War, but much survived and in 1963 the present Hunterian Museum was opened, thanks to the generosity of the Wolfson Foundation, the British Red Cross and Lady Webb-Johnson.

REGISTRATION, ACCREDITATION & GENERAL INFORMATION

REGISTRATION

Date & Time:

1700 - 1900 Wednesday, May 15, 1996

0745 - 0900 Thursday, May 16, 1996

Location: The Royal College of Surgeons of
England
Lincoln's Inn Fields
London
WC2A 3PN

SOCIAL EVENT

A Welcome Reception has been planned for the evening of Thursday, May 16 1996, from 1730 - 2000 in the Exhibit Hall. We hope you will be able to join us for this event. The cost is included in the Registration fee.

FEES

	Received on/or before February 1, 1996	Received after February 1, 1996
Physicians	£275	£325
Administrators	£275	£325
Nurses, Other	£225	£250
Health Care Professionals	£225	£250
Registrars, Residents	£225	£250



Cheques must be made payable to "9th ATACCS" and forwarded to the 9th ATACCS Secretariat at the address below.

MasterCard and Visa are accepted methods of payment.

A £50.00 handling fee will be withheld from registration refunds paid to those who cancel registration on or before April 20, 1996. After that date, no refund will be made. All cancellations must be in writing and forwarded to 9th ATACCS Secretariat.

Early registration is encouraged since the conference facilities will limit numbers participating. Participants who are not pre-registered will be admitted on a space available basis only.

9TH ATACCS SECRETARIAT

Association of Anaesthetists of Great Britain & Ireland
9 Bedford Square, London
WC1B 3RA

Tel: +44 (0) 171 631 1650

Fax: +44 (0) 171 631 4352

EXECUTIVE COMMITTEE

EXECUTIVE DIRECTOR

Christopher M Grande, MD, MPH
Executive director - ITACCS
Executive Director - ASTA
Associate Professor of Anaesthesiology
Uniformed Services University
of the Health Sciences
Baltimore, Maryland

PRESIDENT

Peter J F Baskett, BA, MB, BCh, FRCA, MRCP
Bristol, England

ASSOCIATE DIRECTORS

Kenneth J Abrams, MD
New York, NY
ITACCS/ASTA Board of Directors

Charles R Barton, CRNA, MEd
Akron, Ohio
Chair, ITACCS CRNA Liaison Committee

Jeffrey M Berman, MD
Galveston, Texas
Chair, ITACCS Committee on Paediatric Trauma

Enrico M Camporesi, MD
New York, NY
Chair, ITACCS Research Committee

Yoel Donchin MD
Jerusalem, Israel
ITACCS Disaster Committee

Elizabeth A M Frost, MD
New York, NY
Chair, ITACCS Newsletter Committee

Louis M Guzzi, MD, MAJ, MC
Washington DC
Chair, ITACCS Military Medicine Committee

Brian G McAlary MD
Michigan
ITACCS TQM/CQMI/RM Committee

Colin F Mackenzie, MD
Baltimore, MD
Chair, LOTAS/ITACCS Project

Michael Olds NREMT-P, PA-C
Edgewood, MD
ITACCS Paramedic Liaison Committee

David T Porembka, DA, FCCM, FCCP
Cincinnati, Ohio
Chair, ITACCS Critical Care Committee

Russell T Reid RCP RRT
Adult ICU Specialist
Carmichael, CA
ITACCS Respiratory Therapist Liaison

Andrew D Rosenberg, MD
New York, NY
Vice Chair, ITACCS Pain Management Committee

John Schou, MD
Germany
Chair, ITACCS Prehospital/EMS Committee

Jeff Silverstein
Bronx, NY
ITACCS Geriatric Trauma Committee

Charles E Smith MD
Cleveland, OH
ITACCS Special Equipment and Techniques Committee

John K Stene, MD, PhD
Hershey, Pennsylvania
President - ASTA

FACULTY

Kenneth J Abrams, MD
New York, USA
A P Adams FRCA
London, England
David Baker, MB BCh FRCA
Paris France
Peter J F Baskett, MB, BCh, FRCA, MRCP
Bristol, England
Jeffrey M Berman, MD
Galveston, Texas
Martin Bircher, FRCS (Eng) FRCS (Edin)
London, England
J L Bordonado, MD
St Lucia
Archie I J Brain, FFARCS(I)
Reading, England
Pierre A Carli, MD
Paris, France
E M Camporesi MD
New York, USA
K Chockalingham, MD
Madras, India
Michael E Crawford, MD
Copenhagen, Denmark
Bruce Cullen, MD
Seattle, Washington
Peter Curry, MB BCh, FRCA
Dunfermline, UK
Wolfgang F Dick, FRCA
Mainz, Germany
Yoel Donchin, MD
Jerusalem, Israel

Alasdair Dow, MB, ChB, MRCP, FRCA
Exeter England
Peter Driscoll, MB, ChB, FRCS Ed, FFAEM
Manchester, England
Elizabeth A M Frost, MD
Valhalla, NY
A H Giesecke MD
Dallas, USA
M F Gilbert, MD
Tromsø, Norway
Chris Grande, MD
Baltimore, USA
Louis M Guzzi, MD, MAJ, MC
Washington, DC
J Kaplan MD
New York, USA
V Kvetan MD
New York, USA
Yves Lambert MD
Créteil, France
M arcus Lipp, MD
Mainz, Germany
R M Little,
Manchester, England
Colin F Mackenzie, MD
Baltimore, Maryland
Peter F Mahoney, MB BS DA FRCA
FFARCSI
Nottingham, England
C G Male MB, ChB, LRCP, MRCS, FRCA
Newcastle, England

W Mauritz MD, PhD
Vienna, Austria
Alexandra Mazurek, MD
Chicago, USA
C A B McLaren, MB ChB, FRCA
Wootton Bassett, England
Philippe G Meyer, MD
Paris, France
T M Moles, MB BCh, FRCA
Hong Kong
Christopher R Monk, FRCA
Bristol, England
M S Morgan, MB ChB, DMS, MRCPPath
Exeter, England
Michael S Nielsen, M S, MB BS, FRCA
Southampton, England
Jerry Nolan, MB, ChB, FRCA
Bath, England
Peter A Oakley, MA, MRCP, FRCA
Newcastle, England
Michael Olds, NREMT
Edgewood, USA
Mark G A Palazzo, MB, FRCA, FRCP,
London, England
Michael J A Parr, MB BS
St Leonards, NSW Australia
David T Porembka, DA, FCCM, FCCP,
Cincinnati, Ohio
A D Redmond, OBE, FRCS
Stoke-on-Trent, England
Bernard Riley, BSC, MB BS, MRCS, LRCP, FRCA
Nottingham, England

John Schou, MD
Lorrach, Germany
Vance E Shearer, MD
Dallas, Texas
J Silverstein MD
New York, USA
C Smith MD
Cleveland, USA
A J Sutcliffe, BSC, MB ChB, FRCA
Birmingham, England
J K Stene, MD, PhD
Hershey, USA
Keiichi Tanaka, MD
Fukuoka, Japan
J F Thompson, MS, FRCS
Exeter, England
Robin Weller, FRCA
Bristol, England
W Wiesman MD
Washington DC, USA
David J Wilkinson, MB BCh, FRCA
London, England
Sheila Willatts, FRCA, FRCP
Bristol, England
A Wilson, MB ChB, FRCS
London, England
Robert Winter, MB BCh, MRCP, FRCA
Nottingham, England
David W Yates, MD, MA, MB, BChir, MChOrth, FRCS
Manchester, England
Duncan Young, Bsc, MB ChB
Oxford, England

SYMPOSIUM COORDINATORS

Peter Baskett
Chairman
Bristol, UK

Colin McLaren
Wiltshire, UK

Peter Curry
Dunfermline, UK

Alasdair Dow
Exeter, UK

Alastair Fale
Peterborough, UK

Ian Geraghty
Altrincham, UK

Sally Jenner
AAGBI
London, UK

Jerry P Nolan
Bath, UK

Peter Oakley
Stoke-on-Trent, UK

Michael Parr
St Leonards NSW, Australia

John Restall
Surrey, UK

Bernard Riley
Nottingham, UK

Ralph Vaughan
Cardiff, UK

Kimberly Ashton Unites
Baltimore, Maryland

Terry Slade Young
Baltimore, Maryland

Deborah Goldring
Baltimore, Maryland

Leanne D Allgaier
Baltimore, Maryland

Stacey P Zidi
Baltimore, Maryland

AD HOC ADVISORS

William R Anderson
Shock Trauma Association
Baltimore, Maryland

Bernard Kuzava
Institute for Post-Graduate Education
Hastings, MI

Christopher M Grande
ITACCS
Baltimore, Maryland

Morrell Lyons
President
AAGBI

Leslie Baird
Hon. Treasurer
AAGBI

David Saunders
Hon. Secretary
AAGBI

David Wilkinson
Ass. Hon. Secretary
AAGBI

Dick Atkinson
Ass. Hon. Treasurer
AAGBI

Mal Morgan
Editor, Anaesthesia
AAGBI